Subclasses of $\alpha-$uniformly convex functions obtained by using an integral operator and the theory of strong differential subordinations

Roxana Şendruţiu

Abstract

In this paper we define some subclasses of $\alpha-$uniformly convex functions with respect to a convex domain included in the right half plane $D$, obtained by using an integral operator and the theory of strong differential subordinations. The notion of strong differential subordination is developed from the classic notion of differential subordination.

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References


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